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Technical Report
for the
Cargo Movement Operations System (CMOS)

Requirements Traceability Matrix,
Critical Design Review

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16 JULY 1990

Prepared under

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CDRL A004-57

Prepared for

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Prepared by

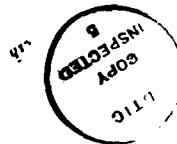
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SECTION I.

INTRODUCTION.

↳ The purpose of this Technical Report is to review the Requirements Traceability Matrix, Critical Design Review, CDRL A018-04, which was produced for the Government by Evaluation Research Corporation. The results are provided in the form of Data Item Discrepancy worksheets as requested by the CMOS Program Office.

SUMMARY. Not Used.

CONCLUSION. Not Used.

Keywords: cargo handling, (KR)

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item Discrepancy worksheets. The traceability provided by this RTM is somewhat limited in regards to the various appendices in the SDD. We are concerned that this may have adverse implications, not only in detail design, but also in traceability to the various testing documents.

ORIGINATOR CONTROL NUMBER: RTM-0001
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:

All editorial comments for the Requirements Traceability Matrix, Critical Design Review, have been collected on this worksheet and are arranged in page number order.

RATIONALE:
N/A

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION: ACCEPT [] REJECT []

COMMENT STATUS: OPEN [] CLOSED []

Cmnt No.	Page No.	Paragraph Number
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Comment

1.	I-320	SS0811, J-201 CUC1209
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The references to Advanced TCMD were misspelled.
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2.	J-193	CU1C0650
----	-------	----------

Insert a space between "DDN" and "IN".
--

3.	J-197	CU1C1050
----	-------	----------

Insert a space between "ICI" and "IN".
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4.	J-206	CU1C1213
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Add "or" to the end of the header.

ORIGINATOR CONTROL NUMBER: RTM-0002
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: I-1

PARA NUMBER: Appendix I

COMMENT OR RECOMMENDED CHANGE:

Add the missing CUs that pertain to each CS in Appendix I. The allocation should be the same as in paragraph 4, Detailed Design, of the SDD dated 22 JUN 90.

RATIONALE:

This will make it possible to cross-reference Appendices I and J and the SDD.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0003
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: I-1

PARA NUMBER: Appendix I

COMMENT OR RECOMMENDED CHANGE:

Delete duplications of headers and restructure to eliminate large blank spaces.

RATIONALE:

This will enhance understanding and readability.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0004
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: I-18

PARA NUMBER: SS0081

COMMENT OR RECOMMENDED CHANGE:

Add SC111 to this shall statement.

RATIONALE:

This information was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0005
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: J-16

PARA NUMBER: CU1A0047

COMMENT OR RECOMMENDED CHANGE:

Add this CU to Appendix J.

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0006
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: J-22

PARA NUMBER: CU1A0069

COMMENT OR RECOMMENDED CHANGE:

Add this CU to Appendix J.

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0007
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: J-76

PARA NUMBER: CU1A2550

COMMENT OR RECOMMENDED CHANGE:

Add this CU to Appendix J.

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0008
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: J-94

PARA NUMBER: CU1A2892

COMMENT OR RECOMMENDED CHANGE:

Add the missing elements, specifically, Parent CSC, Test Case, and the applicable TFs that apply to this CU.

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0009
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: J-94

PARA NUMBER: CU1A2894

COMMENT OR RECOMMENDED CHANGE:

Add the missing elements, specifically, Parent CSC, Test Case, and the applicable TFs that apply to this CU.

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: RTM-0010
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A018-04

DATE: 07/16/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: N/A

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add traceability from the RTM to Appendix H of the SDD.

RATIONALE:

The RTM does not provide traceability to the Table Identifiers (DF) in Appendix H of the SDD. However, this appendix does identify access of the CMOS Tables by CSUs. This is necessary to satisfy the CMOS functions recognized by the CSCs. Hence, it is most important that complete traceability be documented.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []